



MINOS+ Status Report

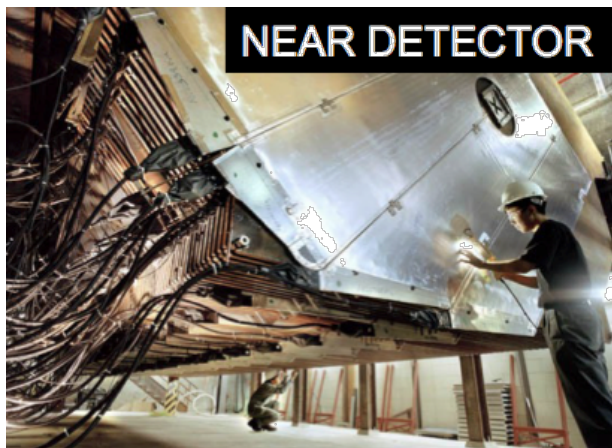


Rob Plunkett
All Experimenters' Meetings
May 19 , 2014



Near Detector

DAQ



- **Good data all week**
- Repaired Hot channel 6-14-1-3
- New hot channel 2-14-3-1
 - Probably repair today during brief beam interruption.
- Hot channels like this are auto-detected and avoided in the analysis.
- Removed dependencies on BlueArc
 - This is good practice, and is also needed to run “internet-free”.
- Improved NTP-server configuration to depend only on GPS
 - Small effect.
- High voltage tripped off for 1 hour.



Far Detector



Excellent Steady Running

- Finally fixed problem in the monitoring of spare PPS - crate 4
 - It was a bad threshold file in the readout, from very old version.
 - No data quality problems expected.
- Still doing PM on UPS units as shutdowns allow.



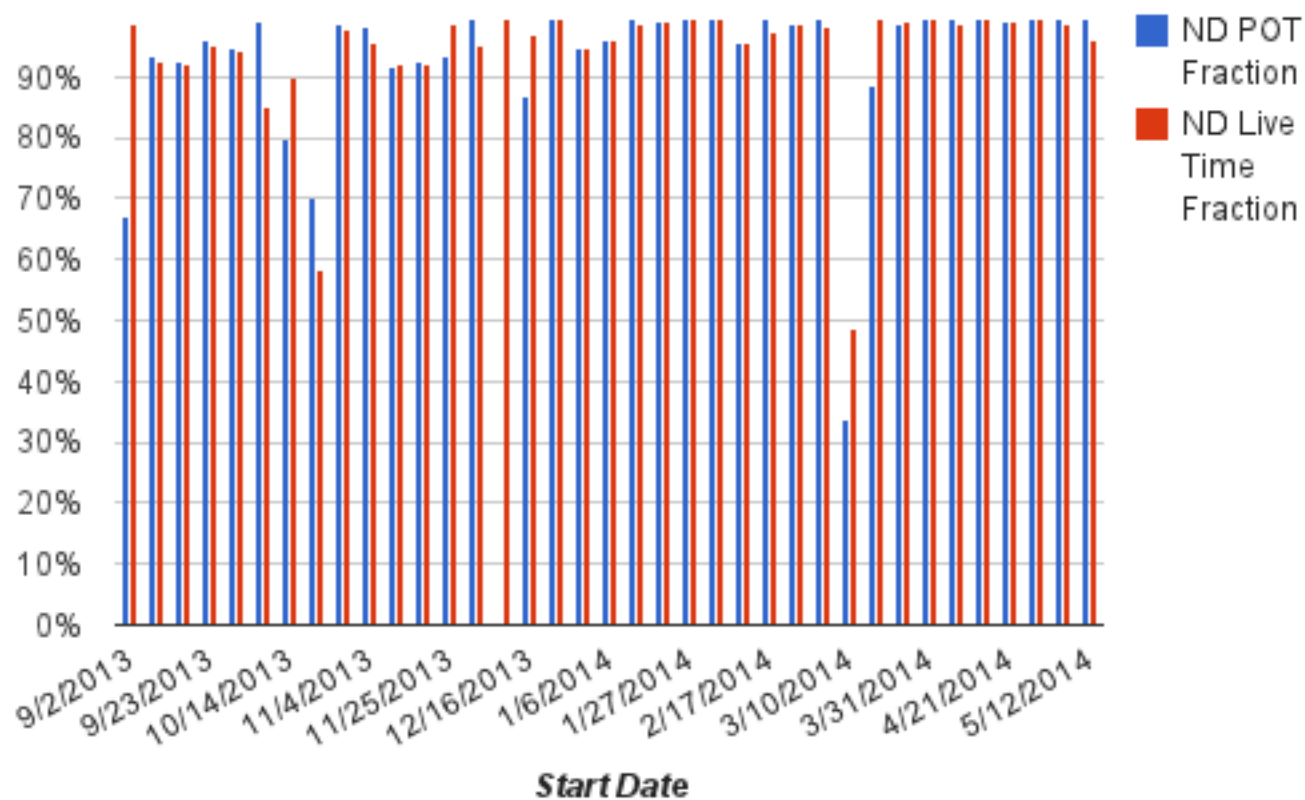
MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
12/30/13 00:00:00	01/06/14 00:00:00	94.9%	94.9%	98.5%	98.5%
01/06/14 00:00:00	01/13/14 00:00:00	95.9%	95.9%	98.7%	98.8%
01/13/14 00:00:00	01/20/14 00:00:00	99.7%	98.8%	99.8%	99.3%
01/20/14 00:00:00	01/27/14 00:00:00	99.0%	99.1%	95.2%	94.8%
1/27/14 00:00:00	2/3/14 00:00:00	99.7%	99.7%	95.8%	96.6%
2/3/14 00:00:00	2/10/14 00:00:00	99.5%	99.6%	94.9%	95.2%
2/10/14 00:00:00	2/17/14 00:00:00	95.7%	95.7%	99.9%	99.0%
2/17/14 00:00:00	2/24/14 12:00 AM	99.7%	97.2%	78.0%	87.0%
2/24/14 00:00:00	3/03/14 12:00 AM	98.5%	98.5%	2.09%	2.13%
3/03/14 00:00:00	3/10/14 00:00:00	99.8%	98.0%	88.0%	84.2%
3/03/14 00:00:00	3/17/14 00:00:00	33.6%	48.5%	79.8%	99.1%
3/17/14 00:00:00	3/23/14 12:00:00	88.6%	99.4%	88.4%	99.3%
3/23/14 00:00:00	3/30/14 00:00:00	98.9%	99.3%	98.3%	94.1%
3/31/14 00:00:00	4/7/14 00:00:00	99.6%	99.5%	87.6%	91%
4/7/14 00:00:00	4/14/14 00:00:00	99.7%	98.5%	94.3%	93.2%
4/21/14 00:00:00	4/28/14 00:00:00	99.3%	99.2%	99.1%	98.5%
4/28/14 00:00:00	5/5/14 00:00:00	99.6%	99.4%	99.8%	99.9%
5/5/14 00:00:00	5/12/14 00:00:00	99.5%	98.7%	99.8%	98.1%
5/12/14 00:00:00	5/19/14 00:00:00	99.6%	96%	99.7%	93.3%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

